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Beam-to-Column Connections

FINAL SUMMARY REPORT

by

John E. Regec

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This work has been carried out as part of an investigation sponsored jointly by the American Iron and Steel Institute and the Welding Research Council.

Fritz Engineering Laboratory
Department of Civil Engineering
Lehigh University
Bethlehem, Pennsylvania

June 1972

ABSTRACT

The following report is a final summary report of the work done on Project 333, Beam-to-Column Connections, by John E. Regec during the period March 1, 1971 to May 31, 1972.

LOCATION OF INFORMATION

All test data for tensile tests of material used in C-series connections of Project 333 are stored in two Accopress binders. Also included in these are a sample computer program for plotting the stress-strain curves and the necessary work orders. Stress-strain curves of the specimens are stored in one large size Accopress binder. All important computations are included in the three binders.

Reduced data for connection C12 is located in one large Accopress binder.

LIST OF REPORTS AND PUBLICATIONS

F.L. Report No. 333.15

TEST PROGRAM OF STEEL BEAM-TO-COLUMN CONNECTIONS,
J. S. Huang, W. F. Chen, and J. E. Regec, July 1971.

F.L. Report No. 333.17

MECHANICAL PROPERTIES OF C-SERIES CONNECTIONS,
J. E. Regec, J. S. Huang, and W. F. Chen, April 1972.

Thesis (F.L. Report No. 333.21T)

TEST OF A FULLY-WELDED BEAM-TO-COLUMN CONNECTION,
J. E. Regec, May 1972.

SUGGESTION OF FURTHER WORK TO BE DONE ON THE PROJECT

Further work which should be done on the project is included in F.L. Report No. 333.7, "Future Connection Research Problems."

PERSONAL

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